

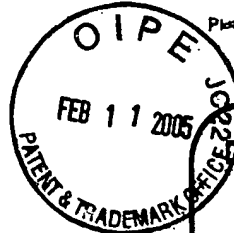
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PTO/SB/01 (10-00)

Approved for use through 10/31/2002 OMB 0551-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

☒ Declaration Submitted With Initial Filing OR ☐ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number **5196-01 FSP**
First Named Inventor **Gail M. Cunningham**

COMPLETE IF KNOWN

Application Number **1**
Filing Date **Herewith**
Group Art Unit
Examiner Name

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Fluid-Borne Noise Suppression in an Automotive Power Steering System

the specification of which (Title of the Invention)

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY) [] as United States Application Number or PCT International

Application Number [] and was amended on (MM/DD/YYYY) [] (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(p) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Country	Priority Not Claimed	Certified Copy Attached?	
					YES	NO
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
60/200,122	04/27/2000	

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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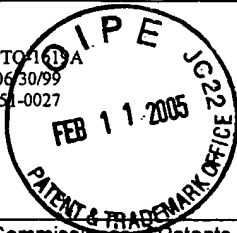
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DECLARATION — Utility or Design Patent Application

Direct all correspondence to		<input type="checkbox"/> Customer Number or Bar Code Label	23598	OR	<input type="checkbox"/> Correspondence address page
Name	Reising, Ethington, Barnes, Kisselle, Learman & McCulloch, PC				
Address	PO Box 4390				
Address					
City	Troy	State	Michigan	Zip	48069-4390
Country	US	Telephone	(248) 888-3500	Fax	(248) 689-4071
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that making false statements and the like are made are punishable by fine or imprisonment, or both under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>					
NAME OF SOLE OR FIRST INVENTOR		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))	Gail M.	Family Name or Surname	Cunningham		
Inventor's Signature	<i>Gail M. Cunningham</i>			Date	4/23/01
Residence: City	Oxford	State	MI	Country	US
Residence: State	MI	Country	US	Citizenship	US
Mailing Address	1149 Brookside Court				
Mailing Address					
City	Oxford	State	MI	Zip	48371
City	Oxford	State	MI	Country	US
NAME OF SECOND INVENTOR		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))			Family Name or Surname		
Inventor's Signature				Date	
Residence: City		State		Country	
Residence: State		Country		Citizenship	
Mailing Address					
Mailing Address					
City		State		Zip	
City		State		Country	
<input type="checkbox"/> Additional inventors are being named on the _____ (Applicant's Additional Inventor(s) sheet) PTO/SPR/02A (optional name)					



RECORDATION FORM COVER SHEET PATENTS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

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Reel # Frame #

Conveyance Type

- ☒ Assignment ☐ Security Agreement
☐ License ☐ Change of Name
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U.S. Government

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- ☐ Departmental File ☐ Secret File

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Name (line 1) CUNNINGHAM, GAIL M.

Execution Date
Month Day Year
4 23 01

Name (line 2)

Second Party

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) DANA CORPORATION

Name (line 2) a corporation of Virginia

Address (line 1) 4500 Dorr Street

Address (line 2)

Address (line 3) Toledo

Ohio

43697

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

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TC 1700

Correspondent Name and Address

Area Code and Telephone Number

(248) 689-3500

Name Robert C. Collins

Address (line 1) Reising, Ethington, Barness, Kisselle, Learman & McCulloch, P.C.

Address (line 2) P.O. Box 4390

Address (line 3) Troy, Michigan 48099-4390

Address (line 4)

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Application Number(s) or Patent Number(s)

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number as not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40.00

Method of Payment:

Enclosed ☒

Deposit Account ☐

Deposit Account

Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

50-0852

Authorization to charge additional fees:

Yes ☒

No ☐

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Robert C. Collins

Name of Person Signing

Signature

Date

4/24/01

A_S_S_I_G_N_M_E_N_T

WHEREAS, I, Gail M. Cunningham, have invented certain improvements in **FLUID-BORNE NOISE SUPPRESSION IN AN AUTOMOTIVE POWER STEERING SYSTEM** for which I am about to make application for Letters Patent of the United States of America; and

WHEREAS, Dana Corporation, a corporation organized and existing under the laws of the State of Virginia, and having its principal place of business at **4500 Dorr Street, Toledo, Ohio 43697** is desirous of acquiring the entire right, title and interest in and to said invention;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, Gail M. Cunningham by these presents, do hereby sell, assign and transfer unto the said corporation and its assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest, including all priority rights under the International Convention associated with each country of the Union, in and to said invention as described in the patent application executed by me on the _____ day of April, 2001, preparatory to obtaining Letters Patent of the United States of America thereon, and in and to said application and any Letters Patent that may be granted in pursuance of said application and any divisional, continuation or continuation-in-part application thereof, and in and to any reissue of any such patent, and in and to any patent applications which may be filed on said invention in countries foreign to the United States of America and any Letters Patent granted thereon.

I further authorize said corporation to apply for foreign patents on said invention in its own name or through its designees, including subsidiaries, related companies or assignees, under the International Convention or otherwise, and I further agree to execute all papers,

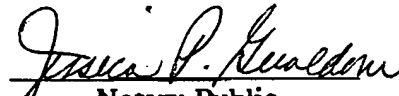
including those required for the United States and foreign applications, and perform such other proper acts as said corporation may deem necessary to secure to said corporation or its designee the rights herein assigned.

Dated: 4/23/01

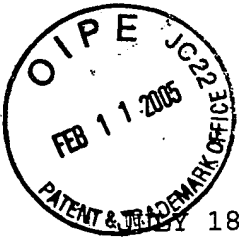

Gail M. Cunningham

STATE OF Michigan)
COUNTY OF Oakland) ss

On this 23rd day of April, 2001, before me a Notary Public in and for said County, personally appeared Gail M. Cunningham, to me known to be the person who executed the above instrument and acknowledged the same to be his free act and deed.


Notary Public

State of _____ JESSICA P. GUALDONI
County of _____ NOTARY PUBLIC OAKLAND CO., MI
MY COMMISSION EXPIRES Sep 5, 2004
My commission expires: _____



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
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Washington, D.C. 20231

JULY 18, 2001

PTAS

REISING, ETHINGTON, BARNES, KESSELLE,
LEARMAN & MCCULLOCH, P.C.
ROBERT C. COLLINS
P.O. BOX 4390
TROY, MICHIGAN 48099-4390



101704489A

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RECORDATION DATE: 04/24/2001

REEL/FRAME: 011755/0165
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
CUNNINGHAM, GAIL M.

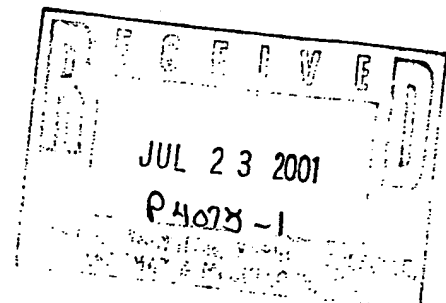
DOC DATE: 04/23/2001

ASSIGNEE:
DANA CORPORATION
4500 DORR STREET
TOLEDO, OHIO 43697

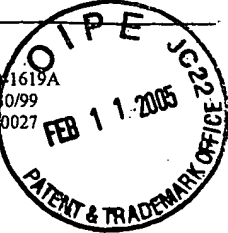
SERIAL NUMBER: 09841518
PATENT NUMBER:

FILING DATE: 04/24/2001
ISSUE DATE:

KIMBERLY WHITE, EXAMINER
ASSIGNMENT DIVISION
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05-07-2001



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☐ Reel # Frame #

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Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Name (line 1) CUNNINGHAM, GAIL M.

Execution Date
Month Day Year
4 23 01

Name (line 2)

Second Party

Name (line 1)

Execution Date
Month Day Year

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02 FC:581

40.00 OP

J1036 U.S. PTO
09/841518
04/24/01

Correspondent Name and Address

Area Code and Telephone Number

(248) 689-3500

Name Robert C. Collins

Address (line 1) Reising, Ethington, Barness, Kisselle, Learman & McCulloch, P.C.

Address (line 2) P.O. Box 4390

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Address (line 4)

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Patent Application Number(s)

Patent Number(s)

<u>09/841518</u>						

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Enter PCT application number only if a U.S. Application Number as not been assigned.

PCT		PCT		PCT	
PCT		PCT		PCT	

Number of Properties

Enter the total number of properties involved.

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1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$

40.00

Method of Payment:

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Deposit Account ☐

Deposit Account

Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

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50-0852

Authorization to charge additional fees:

Yes ☒

No ☐

Statement and Signature

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Robert C. Collins

Name of Person Signing

Signature

Date

4/24/01

A_S_S_I_G_N_M_E_N_T

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WHEREAS, Dana Corporation, a corporation organized and existing under the laws of the State of Virginia, and having its principal place of business at **4500 Dorr Street, Toledo, Ohio 43697** is desirous of acquiring the entire right, title and interest in and to said invention;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, Gail M. Cunningham by these presents, do hereby sell, assign and transfer unto the said corporation and its assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest, including all priority rights under the International Convention associated with each country of the Union, in and to said invention as described in the patent application executed by me on the _____ day of April, 2001, preparatory to obtaining Letters Patent of the United States of America thereon, and in and to said application and any Letters Patent that may be granted in pursuance of said application and any divisional, continuation or continuation-in-part application thereof, and in and to any reissue of any such patent, and in and to any patent applications which may be filed on said invention in countries foreign to the United States of America and any Letters Patent granted thereon.

I further authorize said corporation to apply for foreign patents on said invention in its own name or through its designees, including subsidiaries, related companies or assignees, under the International Convention or otherwise, and I further agree to execute all papers,

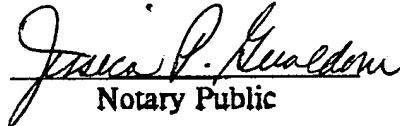
including those required for the United States and foreign applications, and perform such other proper acts as said corporation may deem necessary to secure to said corporation or its designee the rights herein assigned.

Dated: 4/23/01


Gail M. Cunningham

STATE OF Michigan)
COUNTY OF Oakland) ss

On this 23rd day of April, 2001, before me a Notary Public in and for said County, personally appeared Gail M. Cunningham, to me known to be the person who executed the above instrument and acknowledged the same to be his free act and deed.


Notary Public

State of _____ JESSICA P. GUALDONI
County of _____ NOTARY PUBLIC OAKLAND CO., MI
MY COMMISSION EXPIRES Sep 5, 2004
My commission expires: _____